

DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE CITATION  
(USE SEVERAL SHEETS IF NECESSARY)  
PAGE 1 OF 1SERIAL NO.  
10/631,155ATTY DOCKET NO.  
AP179HO

APPLICANT

Viresh Ratnakar, et al.

FILING DATE  
July 31, 2003GROUP  
2643

## U.S. PATENT DOCUMENTS

E.I.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AL	BEDE LIU and ANDRE ZACCARIN, "New Fast Algorithms for the Estimation of Block Motion Vectors", <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , Vol. 3, No. 2, April 1993, pp. 148-157
AM	ZHOU WANG and ALAN CONRAD BOVIK, "Embedded Foveation Image Coding", <i>IEEE Transactions on Image Processing</i> , Vol. 10, No. 10, October 2001, pp. 1397-1410.
AN	JAR-FERR YANG, SHIH-CHENG CHANG, and CHIN-YUN CHEN, "Computation Reduction for Motion Search in Low Rate Video Coders", <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , Vol. 12, No. 10, October 2002, pp.-948-951
AO	THOMAS WIEGAND, MICHAEL LIGHTSTONE, T. GEORGE CAMPBELL and SANJIT K. MITRA, "Efficient Mode Selection for Block-Based Motion Compensated Video Coding", Center for Information Processing Research, Dept. of Electrical and Computer Engineering, University of California, Santa Barbara
AP	RENXIANG LI, BING ZENG, and MING L. LIU, "A New Three-Step Search Algorithm for Block Motion Estimation", <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , Vol. 4, No. 4., August 1994, pp. 438-442
AQ	SHAN ZHU and KAI-KUANG MA, "A New Diamond Search Algorithm for Fast Block-Matching Motion Estimation", <i>IEEE Transactions on Image Processing</i> , Vol. 9, No. 2, February 2000, pp. 287-290
AR	JORDI RIBAS-CORBERA and SHAWMIN LEI, "Rate Control in DCT Video Coding for Low-Delay Communications", <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , Vol. 9, No. 1, February 1999, pp. 172-185
AS	LAI-MAN PO and WING-CHUNG MA, "A Novel Four-Step Search Algorithm for Fast Block Motion Estimation", <i>IEEE Transactions Circuits Syst. Video Technol.</i> , Vol 6, No. 3, pp.313-317, June 1996
AT	ANDREW P. BRADLEY and FRED W. M. STENTIFORD, "JPEG 2000 and Region of Interest Coding", DICTA2002: Digital Image Computing Techniques and Applications, 21-22 January 2002, Melbourne, Australia, pp. 1-6

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /AR/